

Dates: 31.05.16

(For Other Works)

Date: 04/03/2016

Dated.....

Date :29-3-2016.

Certified that the measurements were taken by the on-duty personnel and that the work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office. 

Executive Engineer

sl no	Description of work	
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Verner or Schlumberger's method, including reconnaissance survey of geological formation, Geophysical investigation of existing Ground Water in the vicinity, its quality 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging technical personal and labour required etc., as per Specification and direction	Each
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.)	Rmtr
	0 to 50 m	
	50 to 100 m	
	100 to 150 m	
	150 to 200 m	
	200 to 250 m	
	250 to 300m	
3	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other end with a plastic protection end (including of all taxes)	Rmtr
4	Providing 250mm dia PVC Pipe 6kg/cm as per specification and direction of the Engineer in Charge of the work	Rmtr
5	Providing and fixing 175mm Borewell cap	No
6	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 3PH., 50 Hz. 380/440 volts AC supply fitted with required accessories such as suction, casing suction strainers sand guard Non return valve etc. complete. The pump and motor shall form an integral unit with all the required fittings	
	12.50 HP 20 stage.	No
7	Supplying of ISI marked galvanized mild steel tube (continuously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaded at one end and the other end protected as per specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendment 1-5 and with all its latest amendments if any. The pipes supplied should be with BIS mark No 3/08-09 2406/15.10.2008.	Rmtr
8	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 46/ I No. 30-B 4.0 Sqm mm of 36 strands 0.3mm dia Group - A KPWD Electrical SR 2007-08 3/2008-09 4538/19.01.2009. (1x3x4.00 Sqmm PVC cable	Mtr
9	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap. Cable clips with bolts, nuts, valves guages etc., involved in the job (Necessary GI pipe and specials with be supplied by the board at the site free of cost)	No
10	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc.,	Each
11	Supplying of LTUG cable having aluminium conductor PVC insulated sheathed, galvanised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class	Mtr
12	Labour charges for laying of 1.1 K.V class UG cable (PWD Electrical SR-1999-2000	Mtr
13	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete (as per Civil SR KSRB	Mtr

Previous Measurement		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
-	-	3.00	1900.00	5700.00	3.00	5700.00	
-	-			0.00	0.00	0.00	
-	-	150.00	315.00	47250.00	150.00	47250.00	
-	-	150.00	400.00	60000.00	150.00	60000.00	
-	-	150.00	450.00	67500.00	150.00	67500.00	
-	-	150.00	484.00	72600.00	150.00	72600.00	
-	-	150.00	560.00	84000.00	150.00	84000.00	
-	-	150.00	600.00	90000.00	150.00	90000.00	
-	-	230.00	1200.00	276000.00	230.00	276000.00	
-	-	30.00	750.00	22500.00	30.00	22500.00	
-	-	3	100.00	300.00	3.00	300.00	
-	-			0.00	0.00	0.00	
-	-	2	58790.00	117580.00	2.00	117580.00	
-	-	500.00	390.00	195000.00	500.00	195000.00	
-	-	1080.00	148.45	160326.00	1080.00	160326.00	
-	-	2.00	3000.00	6000.00	2.00	6000.00	
-	-	2.00	285.00	570.00	2.00	570.00	
-	-	60.00	150.00	9000.00	60.00	9000.00	
-	-	60.00	8.00	480.00	60.00	480.00	
-	-	50.00	60.00	3000.00	50.00	3000.00	

sl no	Description of work	
14	Supplying and fixing of Class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class	
15	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	
16	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal proportion of soil and charcoal 150 mm around the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 through holes of 122 mm dia, (PWD Electrical SR-1999-2000	No
17	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... P No. 30/I No 3b	No
18	KSRB 13-7.1-4: Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications NO KBS 13.2.16 / 13.13	No
19	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. P. No. 84 / I. No. 13.81.3	Nos
20	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc complete	No
21	Supplying shunt capacitors conforming to IS 2834, 3phase 400/440 volts grade for power factor improvement of rotating machinery, Capacitor in KVAR rating Nos. 2KVAR capacity with all lead and lift =, loading, unloading and labour charges etc complete as per specifications	No
22	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materials wiring complete as required 5 to 30 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications	No
23	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm	Sq.Cm
24	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided, the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset.	No
25	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification	Cum
26	Providing and instalation at site of works P.V.C Pipes including cost of pipes and specials and including lowering into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe around to a depth Not less than 15cm with grave or selected earth available from the excavation Etc., Page No.3 item No.4.2 PRE SR2008-09. 75 mm dia 6 KSC PVC pipe	Rmtr
27	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50mm, and lift upto 1.5m, including cost of all labour complete as per specifications, No. 6/ Item No. 2.11/ PWD SR 2015-16	Cum
28	KSRB 13.6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Cum
	Specification No	
		TOTAL

Certificates:

- 1 The above work is done satisfactorily and complete in all respect.
- 2 There is no department Material issue for the above work.
- 3 This works comes under BBMP Limit.

Previous Measurement		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
-	-	8.00	240.00	1920.00	8.00	1920.00	
-	-	2.00	260.00	520.00	2.00	520.00	
-	-	2.00	1950.00	3900.00	2.00	3900.00	
-	-	4.00	120.00	480.00	4.00	480.00	
-	-	2.00	1579.00	3158.00	2.00	3158.00	
-	-	2.00	227.00	454.00	2.00	454.00	
-	-	6.00	80.00	480.00	6.00	480.00	
-	-	2.00	350.00	700.00	2.00	700.00	
-	-	2.00	1000.00	2000.00	2.00	2000.00	
-	-	46200.00 46800.00	0.33	15246.00 15444.00	46200.00 46800.00	15246.00 15444.00	
-	-	2.00	11000.00	22000.00	2.00	22000.00	
-	-	622.08	251.00	156142.00	622.08	156142.00	
-	-	2304.00	161.00	370944.00	2304.00	370944.00	
-	-	622.08	75.00	46656.00	622.08	46656.00	
-	-	18.00	2100.00	37800.00	18.00	37800.00	
				1880404.0		1880404	
				18,80,206.00		18,80,206.00	

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